

"Dual-Core ready"!

The XPC SD31P destroys the myth that bigger PCs are faster. Designed for power-hungry users, this wicked-fast small form factor (SFF) computer delivers tower-crushing performance in one-third the space. With the support of 64-bit and Dual-Core CPUs up to 1066MHz FSB, Serial-ATA II with Matrix Storage Technologie, PCI-Express, HD-audio, 350W power supply, Silent-X heatpipe cooling Shuttle again proved how to build latest technologies into a SFF PC, and thanks to toolless drive installation and pre-installed flat cables the hardware-setup is very easy.

The XPC SD31P is an ideal: LAN-gaming PC; Home gaming machine; Digital media management center; Digital content workstation.

Feature Highlight

P chassis	- Aluminum chassis 5 fans, linear controlled - Integrated Card Reader - Stealthed drive doors - Drive mounting without screws - Bays: 1x 5.25", 3x 3.5"
Chipset	- Intel 945G, ICH7R (Lakeport-G) - Integrated graphics (Intel Graphics Media Accelerator 950, DVM T)
CPU	- Socket 775 (Socket T) - Supports Pentium D (Dual Core), Pentium 4 and Celeron-D processors - Supports 1066/800/533 MHz FSB
Slots	2x PCI-Express (16x and 1x)
Memory	Supports DDR2-533/667
Drive connectors	4x S-ATA 3Gb/s Raid (1x Hot-Plug ext.) 1x IDE ATA 100, 1x floppy
other connectors	- Sound Blaster Live! 24-bit 7.1 audio, SPDIF in/out - Firewire, USB 2.0, GigaBit LAN
Power supply	Silent-X 350 Watt
Application	Gaming

Article number: **SD-31P**
 Order number: **PC- SD31P**
 UPC (see bar code)



Specification

Chassis	P-type aluminum chassis, plastic front, with integrated card reader storage bays: 1 x 5.25", 3 x 3.5" (2 internal) screwless drive installation without tools, stealthed drive doors dimensions: 32.5 x 22 x 21 cm (LWH), weight: 4.5 kg net / 6.3 kg gross
Mainboard	Shuttle FD31, Shuttle form factor, proprietary design for XPC SD31P Chipset: Intel 945G + ICH7R (Lakeport-G) Award V6.0PG BIOS, 4MBit flash memory with hardware monitoring and ACPI power management functions dimensions: 20.5 x 28 cm
Power supply	Silent-X 350 Watt mini PSU with switch, supports 110/240V connectors: 2x3 pin (CPU power), 2x4 pin (mainboard power) EMI certified: FCC, CE, BSMI; Safety certified: UL, TÜV, CB
Processor support	Socket 775 supports Pentium D (Dual Core), Pentium 4 and Celeron D processors at 1066, 800 or 533 FSB, supports Hyper-Threading
Processor cooling	Shuttle I.C.E. (Integrated Cooling Engine) advanced Heatpipe technology, linear fan control
Memory support	2 x 240 pin slots, supports Dual Channel supports DDR2-533/667 DDR SDRAM memory up to a total size of 2 GB
Slots	1 x PCI-Express (16X) supports 8 GB/s data transfer, ADD2+ compliant 1 x PCI-Express (1x) supports 500 MB/s data transfer
Graphics	Intel Graphics Media Accelerator 950 (GMA950) with PCI-E x1 improved bandwidth, features 333MHz graphics core DX8/DX9 support and enhanced 3D performance Dynamic Video Memory Technology (DVMT) 3.0, shared Memory max. 224MB
8-channel audio	Creative Labs Sound Blaster Live 24-bit, 7.1 channel EAX High-definition audio analog: line-out (8-ch), line-in, microphone, CD-in, AUX digital: optical SPDIF-in, optical and coaxial SPDIF-out
LAN Controller	Broadcom 5789 Ethernet network controller supports 10 / 100 / 1.000 MBit/s operation, supports Wake-on-LAN
Firewire Controller	IEEE1394 Firewire controller VIA VT6307, with 2 Firewire connectors (front and rear) supports 400Mb/s, 200Mb/s, 100Mb/s data transfer rate
Drive connectors	4 x Serial-ATA (one external Hot-Plug connector), 3 Gb/s (300 MB/s) bandwidth, supports Hot plug and play, Intel Matrix Storage Technology enabled striping and mirroring on two drives, RAID (0, 1, JBOD), Native Command Queuing), 1 x IDE ATA 100, 1 x floppy
Front Panel connectors	8-in-1 Cardreader (CF I+II, SD, MD, SM MMC, MS, MSP), Microphone, Headphone (Line-out), 2x USB 2.0, Firewire (Mini 4 pin connector)
Back Panel connectors	CMOS button, Firewire (6 pin), PS/2 for mouse and keyboard GigaBit LAN (RJ45), 4x USB 2.0, Serial port (COM) 8-ch Audio line-out (2x rear/front, bass/center, surround/back) SPDIF: optical in/out, coaxial out, Line-in, S-ATA hot plug connector optional Wireless LAN module (PN16)
Other connectors	4 x USB 2.0 (1x 2x5 pin, 2x 1x5 pin), parallel 2 x CDROM and Mini-CD inputs, 1 x AUX-in 4 x fan connectors (4 pins)
Accessories	User Guide (English, Chinese, German, French, Japanese, Spanish – ca. 40 pages each), XPC Driver CD, RAID user manual, RAID driver floppy disk, Shuttle Extras CD, ICE Technology CPU heat-pipe, Cables (FDD, HDD, CD-ROM, 2x SATA), Power cord, Heatsink compound, Front Feet, Mounting bracket, Twin Adhesive/Screws

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